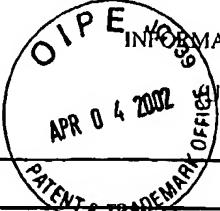
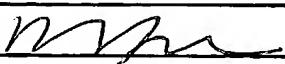
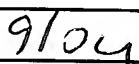


FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office							Atty. Docket No. P21674		Application No. 10/050,989		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)									Applicant Hiroshi SOGABE et al				
									Filing Date January 22, 2002		Group 1774		
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>msd</i>		5	8	9	1	5	6	1	04/06/99	KINOSHITA et al.			
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
1	1	-	0	1	2	3	7	0	01/19/99	JAPAN			
200	0	-	3	0	3	0	4	4	10/31/00	JAPAN			
9	-	1	7	6	3	3	2		07/08/97	JAPAN			
	7	-	2	6	0	2	9		01/27/95	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
<i>msd</i>	1	English Language Abstract of JP 11-012370.											
<i>msd</i>	2	English Language Abstract of JP 2000-303044.											
<i>msd</i>	3	English Language Abstract of JP 9-176332.											
<i>msd</i>	4	English Language Abstract of JP 7-26029.											
EXAMINER		<i>msd</i>											
		DATE CONSIDERED <i>9/04</i>											

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 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary)		Applicant Hiroshi SOGABE et al.			
		Filing Date January 22, 2002		Group 1771	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
RECEIVED APR 8 - 2002 TC 1700					
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
M2	6 - 2 8 7 8 6 6	10/11/94	JAPAN		X
M3	6 - 2 8 0 1 6 7	10/04/94	JAPAN		X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
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